

ABSTRACT

5 Coating compositions, methods and articles of manufacture comprising a nanoparticle system employing same to impart surface modifying benefits for all types of soft surfaces, and in some cases, hard surfaces, are disclosed. In some embodiments, dispersement of nanoparticles in a suitable carrier medium allows for the creation of coating compositions, methods and articles of manufacture that create multi-use benefits to the modified surfaces. These surface modifications
10 can produce long lasting or semi-permanent multi-use benefits that, in some embodiments, may include at least one of the following improved surface properties: cleaning, wettability, liquid strike-through, comfort, stain resistance, soil removal, malodor control, modification of surface friction, reduced damage to abrasion and color enhancement, relative to the surfaces unmodified with such nanoparticle systems.

15

PCT/US2013/043337